

Work Order ID 64006

Tuesday, November 23, 2010 9:28:11 AM

Page 1

Item ID: D3490-3

Accept

Setup Start

Revision ID:

Stop

Item Name: Cross Bolt Spacer

Start Date: 11/22/2010 Start Qty: 30.00

Required Date: 11/30/2010 Req'd Qty: 30.00

Cust Item ID:

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start

QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr

Revision Nbr

D3490

Rev A

100

0.00



Hardinge CNC LATHE SMALL

Hardinge

Memo

0.00

Hardinge CNC Lathe Small

1-TURN AS PER FOLIO FA629 & DWG D3490

FOLIO REV:

DWG REV:

2-DEBURR AS REQUIRED

SA 10/12/03

22

110

0.00



QC2- Inspect parts off machine FAI/FAIB

QC

Memo

0.00

Quality Control

SA 10/12/03

22

120

0.00



QC8- Inspect parts - second check

QC

Memo

0.00

Quality Control

SA 10/12/03

22

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

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Required Date: 11/30/2010 Req'd Qty: 30.00

Reference:

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Customer:

Approvals:

Process Plan:

Date:

Tooling:

Date:

QC:

Date:

SPC (Y/N):

Date:

Run

Start

Stop

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

130

Identify as per dwg & Stock Location: *LG*

0.00



Packaging

Memo

0.00

Packaging

STOCK IN SKIDTUBE CELL

22 0 BE 10/12/06

140

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

*10/12/07**u 10.12.07*

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Picklist Print

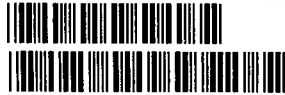
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Page 1

Work Order ID: 64006

Parent Item: D3490-3

Parent Item Name: Cross Bolt Spacer



Start Date: 11/22/2010

Required Date: 11/30/2010

Start Qty: 30.00

Required Qty: 30.00

Comments: IPP Rev:A New Issue 06-03-03 JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M6061T6R0.750 		Purchased	No			100	f	11.9648	0.266	8.4		10/12/03	
6061-T6 Round Bar .750"													

Location

Loc Qty

Loc Code

MAT

11.948

115469

0.0027

115869

11.9453

MAT012

0.016842105

112442

0.01684211

out of material

W/O:		WORK ORDER CHANGES					
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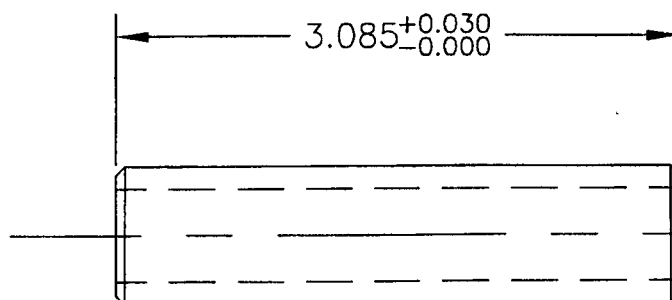
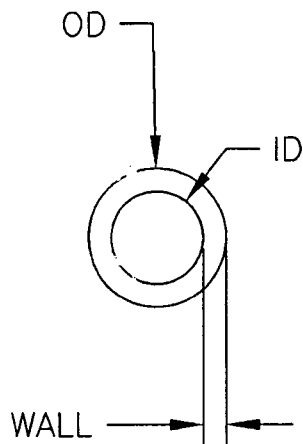
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NOTE: Date & initial all entries



DESIGN <i>PH</i>	DRAWN BY <i>PH</i>	DART AEROSPACE USA, INC. PORT HADLOCK, WA	
CHECKED <i>[Signature]</i>	APPROVED <i>[Signature]</i>	DRAWING NO. D3490	REV. A SHEET 1 OF 1
DATE 06.01.04		TITLE CROSS BOLT SPACER	SCALE NTS
A	06.01.04	NEW ISSUE	



SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. *447000*

28101123
0.050 X 45°
CHAMFER (TYP)

D3490-1/-3/-5 CROSS BOLT SPACER PARTS LIST

PART NUMBER	OD	WALL	ID (REF)	MATERIAL SPEC
D3490-1	0.500	0.049	0.402	M6061T6T0.500W.049
D3490-3	0.750	0.080	0.591	M6061T6R0.750
D3490-5	0.313	0.058	0.197	M6061T6T0.313W.058

D3490-1/-3/-5 CROSS BOLT SPACER

- 1) MATERIAL: ALUMINUM 6061-T6 (QQ-A-200/8 OR QQ-A-225/8)
- 2) ALL DIMENSIONS ARE IN INCHES
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

RELEASED
do 02-07

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